

IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) Dielectric resonator antenna comprising a block of dielectric material, said block having a first face intended to be mounted on earth plane and covered with a metallic layer, wherein at least one second face perpendicular to the first face is covered with a metallic layer contacting said metallic layer covering said first face, said metallic layer covering said second face extending over a width less than the width of the second face and over a height less than or equal to the height of the second face.

2. (Currently Amended) ~~Antenna~~ The antenna according to Claim 1, wherein the metallic layer covering the second face is centered with respect to the width of the said second face.

3. (Currently Amended) ~~Antenna~~ The antenna according to Claim 1, wherein the metallic layer covering the second face is extended via a metallic layer covering a third face parallel to the first face.

4. (Currently Amended) ~~Antenna~~ The antenna according to Claim 3, wherein the metallic layer covering the third face stretches over a width less than the length of the third face.

5. (Currently Amended) ~~Antenna~~ The antenna according to claim 3, wherein the width of the metallic layer covering the third face is different from the width of the metallic layer covering the second face.

6. (New) Dielectric resonator antenna comprising a block of dielectric material mounted on a substrate with a face forming a ground plane, the block of dielectric material having a first face intended to be mounted on said substrate covered with a metallic layer and a second face perpendicular to said first face covered with a

metallic layer contacting said metallic layer covering said first face, said metallic layer covering said second face extending over a width less than the total width of said second face a height less than or equal to the height of said second face, said dielectric resonator being excited through a slot provided in the substrate and a microstrip line provided on a face of the substrate opposite to the face forming ground plane crossing said slot.

7. (New) The antenna according to claim 6, wherein the metallic layer covering the second face is extended via a metallic layer covering a third face parallel to the first face.

8. (New) The antenna according to claim 7, wherein the metallic layer covering the third face stretches over a width less than the length of the third face.

9. (New) The antenna according to claim 8, wherein the width of the metallic layer covering the third face is different from the width of the metallic layer covering the second face.